

ABSTRACT OF THE DISCLOSURE

*AD* A ~~imaging system and method~~. In one embodiment, an imager has an array of photodetectors, each of which accumulates charge during an integration period as a result of light detected during ~~said~~ <sup>the</sup> integration period, ~~said~~ <sup>the</sup> array having a charge capacity which increases during the integration period. A charge capacity controller coupled to ~~said~~ <sup>the</sup> imager adjusts how the imager increases the charge capacity of the array based upon the brightness distribution detected by ~~said~~ <sup>the</sup> imager during at least one previous integration period.